

Notice of Allowability

Application No.

10/035,499

Examiner

Gregory R. Del Cotto

Applicant(s)

AVERY ET AL.

Art Unit

1751

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amend. filed 6/7/04.
2. ☒ The allowed claim(s) is/are 4-7, 9 renumbered 1-5.
3. ☐ The drawings filed on _____ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).


* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 6/17/04.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


Gregory R. Del Cotto
Primary Examiner
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Garris teaches effective, multi-use filter cleaning compositions which include 55 to 60% of a strong acid, 1% to 40% of a surfactant, and 0.5% to 20% of a sequestrant/builder. The filter cleaning compositions optionally include 0.5% to 10% of a water-soluble organic solvent, and/or 0.5% to 10% of a nonionic surfactant. See Abstract. Additionally, Garris teaches that components such as colorants, fragrances, and thickeners may also be added to the composition. See column 2, lines 14-25. However, Garris does not teach or suggest the use of cellulosic thickening agents as recited by the instant claims. Additionally, none of the examples of Garris teach the use of chitosan or similar components. Furthermore, the Examiner asserts that nothing in Garris would point, direct, or motivate one of ordinary skill in the art to formulate a composition containing chitosan in addition to the other requisite components of the composition in the specific proportions as recited by the instant claims.

None of the references of record, alone or in combination, teach or suggest a composition having the specific pH containing a surfactant, chitosan, an acid, cellulosic thickener, halogenated furanone and the other requisite components of the composition in the specific proportions as recited by the instant claims. Accordingly, since the prior art fails to teach or suggest such a composition as recited by the instant claims, the instant claims are deemed allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should

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EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Carl Schwartz on June 17, 2004.

The application has been amended as follows:

The Claims:

In claim 7, line 9, after "a disinfectant," insert – a glycol ether solvent; --.

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance:

Note that, Applicant's amendments, Applicant's arguments, and the Examiner's Amendment are sufficient to place the instant claims in condition for allowance.

Of the references of record, the most pertinent are Garris (US 5,776,876) or WO99/03959. '959 teaches a surface active composition useful for cleaning various types of substrates such as articles of clothing, various types of hard surfaces as well as human hair and skin, the composition containing an esterquat, a chitosan and/or chitosan derivative and a protein hydrolyzate. See Abstract. However, '959 does not teach the use of a glycol ether as recited by the instant claims.


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preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gregory R. Del Cotto whose telephone number is (571) 272-1312. The examiner can normally be reached on Mon. thru Fri. from 8:30 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Yogendra Gupta can be reached on (571) 272-1316. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Gregory R. Del Cotto
Primary Examiner
Art Unit 1751

GRD
June 17, 2004